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|  | **Biology** | **شعار-القسم** |
| **Worksheet-5-** |
| Feeding relationships |

|  |  |
| --- | --- |
| Name: Class: 8 /……........ | |
| Book pages:480-485 | |
| **10-3-2012** | Date: |
| 8.5.1 | Core Standard number |
| 1. define some terms   Food chain – food web – producer – consumer – predator – prey - population –community – ecosystem – biosphere )   1. Determine the different producers and consumers in a particular   food web | Learning Objectives  Logo + text 2 |

Q1:Complete the following sentences using the words in the box below.

***carnivore***  ***consumer***  ***herbivore***  ***omnivore community***

***population***  ***producer food chain ecosystem population***

1. *.................................... is an organism that only eats other animals.*
2. *……………………….is an organism that feeds on plants or animals.*
3. *...................................is a sequence that shows feeding relationships and the transfer of energy between organisms.*
4. *.................................is an organism that only eats plants.*
5. *..................................is an organism that eats both plants and animals.*
6. *……………………..is the number of organisms of a species living in a habitat.*
7. *................................is a plant that makes food by photosynthesis.*
8. ……………………is a group of same species all living together and interacting

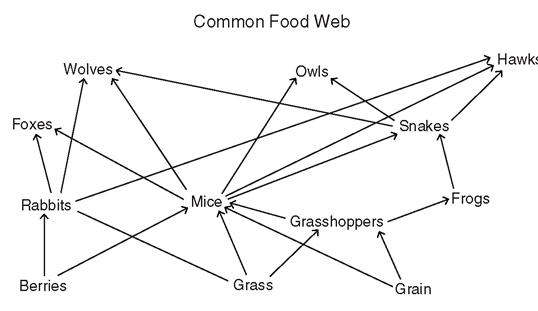
(ex. A population of deer)

1. …………………..is all of the different living things in the same area that interact

(plants, deer, foxes, racoons, etc.)

1. ……………..is all of the living and non-living things in an area

*Q2: study the following food web ,then answer the questions below.*

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1. Give ***one*** example of a producer from the above food web.

……………………………………………………..

1. Give ***one*** example of a herbivore from the above food web.

……………………………………………………..

1. Give ***one*** example of a predator from the above food web.

……………………………………………………..

1. How many carnivores are there in the food web?

……………………………………………………..

1. What do hawks feed upon?

……………………………………………………..

1. Which animals feed upon mice?

……………………………………………………..

1. Draw a food chain from the food web which includes ***five*** organisms.

……………………………………………………..

1. What was the original source of energy for the food web?

……………………………………………………..